

A/N 451878

PERMIT TO OPERATE

Equipment Description

STATION SUMP, 1000 GALLON, UNDERGROUND, 5'-10" DIA. BY 6'-0" H., VENTED TO APC SYSTEM

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

[RULE 204]

- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

[RULE 204]

- 3) THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 18,000 BARRELS IN ANY ONE YEAR.

[RULE 1303(b)(2)-OFFSETS, 1401]

- 4) RECORDS SHALL BE KEPT FOR FIVE YEARS AND MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.

[RULE 1303(b)(2)-OFFSETS, 1401]

Periodic Monitoring: NONE

Emissions and Requirements: NONE

A/N 451879

PERMIT TO OPERATE

Equipment Description

SATURATOR SUMP, 370 GALLONS, UNDERGROUND, 3'-0" DIA. BY 7'-0" H.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

[RULE 204]

- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

[RULE 204]

- 3) THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 200 BARRELS IN ANY ONE YEAR.

[RULE 1303(b)(2)-OFFSETS, 1401]

- 4) RECORDS SHALL BE KEPT FOR FIVE YEARS AND MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.

[RULE 1303(b)(2)-OFFSETS, 1401]

Periodic Monitoring: NONE

Emissions and Requirements: NONE

A/N 451881

PERMIT TO OPERATE

Equipment Description

EVAPORATION POND, OPEN TOP, 60'-0" DIA., FOR RECEIVING WATER FROM PERMITTED OIL/WATER SEPARATORS

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

[RULE 204]

- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

[RULE 204]

- 3) THE EVAPORATION POND SHALL RECEIVE BOTTOM WATER DRAINED FROM STORAGE TANKS ONLY IF THE WATER HAS FIRST BEEN PROCESSED IN ONE OF THE FACILITY'S PERMITTED OIL/WATER SEPARATORS.

[RULE 1303(b)(2)-OFFSETS, 1401]

- 4) RECORDS SHALL BE KEPT FOR FIVE YEARS AND MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.

[RULE 1303(b)(2)-OFFSETS, 1401]

Periodic Monitoring: NONE

Emissions and Requirements: NONE

A/N 461445

PERMIT TO OPERATE

Equipment Description

STORAGE TANK, CN-139, INTERNAL FLOATING ROOF, WELDED SHELL, 80,000 BARREL CAPACITY, 120'-6" DIA. X 47'-9" H., WITH A DOUBLE DECK-TYPE FLOATING ROOF, CATEGORY A MECHANICAL SHOE PRIMARY SEAL, CATEGORY A COMPRESSION PLATE SECONDARY SEAL,

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

[RULE 204]

- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

[RULE 204]

- 3). THROUGHPUT TO THIS TANK SHALL NOT EXCEED 1,250,000 BARRELS IN ANY ONE CALENDAR MONTH OF AVIATION GASOLINE, GASOLINE, ETHANOL, JET FUEL, DIESEL, AND TRANSMIX NOT TO EXCEED A REID VAPOR PRESSURE OF 13.5 PSIA **(EXCEPT AS NOTED BELOW)**.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE EVERY 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS, 1401]

- 4) **IF THE OPERATOR STORES PRODUCT WITH RVP LESS THAN 13.5 PSIA, OPERATOR MAY INCREASE THROUGHPUT SUCH THAT THE CORRESPONDING VOC EMISSIONS SHALL NOT EXCEED 542 LBS/MONTH. VOC EMISSIONS SHALL BE DETERMINED MONTHLY BASED ON ACTUAL PRODUCT STORED, VAPOR PRESSURE AND THROUGHPUT. RECORDS OF MONTHLY EMISSIONS AND INFORMATION USED TO DETERMINE SUCH EMISSIONS SHALL BE MAINTAINED AND MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.**

[RULE 1303(b)(2)-OFFSETS, 1401]

- 5) THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF. THE OPERATOR SHALL MONITOR AT LEAST TWICE A YEAR BETWEEN 4 TO 8 MONTHS APART.

[RULE 463, 1178]

- 6) ALL VENT GASES SHALL BE VENTED TO A VAPOR CONTROL SYSTEM (THERMAL OXIDIZER) WHENEVER THE TANK IS BEING DEGASSED OR REFILLED. NO DEGASSING OR REFILLING OF THIS TANK SHALL BE CONDUCTED UNLESS THE THERMAL OXIDIZER IS IN FULL USE AND HAS A VALID PERMIT TO RECEIVE VENT GASES FROM THE TANK.

[RULE 1149, 1303(a)(1)-BACT]

- 7) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TANK THROUGHPUT, IN BARRELS

COMMODITY/PRODUCT STORED AND TIME PERIOD OF STORAGE

VAPOR PRESSURE, IN PSIA, AND TEMPERATURE OF EACH
COMMODITY/PRODUCT STORED

HYDROCARBON CONCENTRATION MEASUREMENTS DONE IN THE VAPOR
SPACE ABOVE THE FLOATING ROOF OF THE TANK

OTHER RECORDS THAT MAY BE REQUIRED TO COMPLY WITH THE
APPLICABLE REQUIREMENTS OF DISTRICT RULES 463, 1149, AND 1178

RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.

[RULE 463, 1149, 1178, 1401, 40 CFR 60 SUBPART Kb]

Periodic Monitoring

NONE

Emissions and Requirements:

- 8) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS

VOC: RULE 463

VOC: RULE 1178

VOC: RULE 1149

VOC: 40 CFR 60 SUBPART Kb

A/N 461446

PERMIT TO OPERATE

Equipment Description

STORAGE TANK, CN-140, INTERNAL FLOATING ROOF, WELDED SHELL, 80,000 BARREL CAPACITY, 120'-6" DIA. X 47'-9" H., WITH A DOUBLE DECK-TYPE FLOATING ROOF, CATEGORY A MECHANICAL SHOE PRIMARY SEAL, CATEGORY A COMPRESSION PLATE SECONDARY SEAL.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

[RULE 204]

- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

[RULE 204]

- 3). THROUGHPUT TO THIS TANK SHALL NOT EXCEED 1,250,000 BARRELS IN ANY ONE CALENDAR MONTH OF AVIATION GASOLINE, GASOLINE, ETHANOL, JET FUEL, DIESEL, AND TRANSMIX NOT TO EXCEED A REID VAPOR PRESSURE OF 13.5 PSIA **(EXCEPT AS NOTED BELOW)**.

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE EVERY 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE

FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS, 1401]

- 4) **IF THE OPERATOR STORES PRODUCT WITH RVP LESS THAN 13.5 PSIA, OPERATOR MAY INCREASE THROUGHPUT SUCH THAT THE CORRESPONDING VOC EMISSIONS SHALL NOT EXCEED 542 LBS/MONTH. VOC EMISSIONS SHALL BE DETERMINED MONTHLY BASED ON ACTUAL PRODUCT STORED, VAPOR PRESSURE AND THROUGHPUT. RECORDS OF MONTHLY EMISSIONS AND INFORMATION USED TO DETERMINE SUCH EMISSIONS SHALL BE MAINTAINED AND MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.**

[RULE 1303(b)(2)-OFFSETS, 1401]

- 5) THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF. THE OPERATOR SHALL MONITOR AT LEAST TWICE A YEAR BETWEEN 4 TO 8 MONTHS APART.

[RULE 463, 1178]

- 6) ALL VENT GASES SHALL BE VENTED TO A VAPOR CONTROL SYSTEM (THERMAL OXIDIZER) WHENEVER THE TANK IS BEING DEGASSED OR REFILLED. NO DEGASSING OR REFILLING OF THIS TANK SHALL BE CONDUCTED UNLESS THE THERMAL OXIDIZER IS IN FULL USE AND HAS A VALID PERMTI TO RECEIVE VENT GASES FROM THE TANK.

[RULE 1149, 1303(a)(1)-BACT]

- 7) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TANK THROUGHPUT, IN BARRELS

COMMODITY/PRODUCT STORED AND TIME PERIOD OF STORAGE

VAPOR PRESSURE, IN PSIA, AND TEMPERATURE OF EACH
COMMODITY/PRODUCT STORED

HYDROCARBON CONCENTRATION MEASUREMENTS DONE IN THE VAPOR
SPACE ABOVE THE FLOATING ROOF OF THE TANK

OTHER RECORDS THAT MAY BE REQUIRED TO COMPLY WITH THE
APPLICABLE REQUIREMENTS OF DISTRICT RULES 463, 1149, AND 1178

RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.

[RULE 463, 1149, 1178, 1401, 40 CFR 60 SUBPART Kb]

Periodic Monitoring

NONE

Emissions and Requirements:

- 8) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS

VOC: RULE 463

VOC: RULE 1178

VOC: RULE 1149

VOC: 40 CFR 60 SUBPART Kb

A/N 461447

PERMIT TO OPERATE

Equipment Description

VAPOR RECOVERY AND DISPOSAL SYSTEM CONSISTING OF:

1. THERMAL OXIDIZER, SMITH ENGINEERING, 5'-0" DIA. BY 5'-6" H. COMBUSTION CHAMBER, 5 MMBTU/HR, 30 HP MAIN BLOWER, 10 HP BURNER BLOWER, PILOT AND CONTROL SYSTEM
2. VAPOR SATURATOR TANK, ABOVE GROUND, 7500 GALLONS, HORIZONTAL
3. VAPOR HOLDER TANK NO. 1, 30,000 CUBIC FEET
4. VAPOR HOLDER TANK NO. 2, 30,000 CUBIC FEET
5. STACK, 5 FT DIA. BY 27 FT. HIGH

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

[RULE 204]

- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

[RULE 204]

- 3). THE OPERATOR SHALL LIMIT THE EMISSIONS FROM THIS EQUIPMENT AS FOLLOWS:

BENZENE: LESS THAN OR EQUAL TO 0.81 LBS IN ANY ONE DAY
BENZENE: LESS THAN OR EQUAL TO 296 LBS IN ANY ONE YEAR
VOC: LESS THAN OR EQUAL TO 70 LBS PER DAY

[RULE 1303(b)(2)-OFFSETS, 1401]

- 4). THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

RECORDS TO SHOW COMPLIANCE WITH ALL REQUIREMENTS AND CONDITIONS SPECIFIED FOR THIS EQUIPMENT

RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.

Periodic Monitoring

- 5) THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE TEMPERATURE BEING MONITORED, AS INDICATED BELOW, IS NOT LESS THAN 1400 DEGREES F. TO COMPLY WITH THIS CONDITION, THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE READING DEVICE TO ACCURATELY INDICATED THE TEMPERATURE IN THE FIREBOX OR IN THE DUCTWORK IMMEDIATELY DOWNSTREAM FROM THE FIREBOX. THE OPERATOR SHALL ALSO INSTALL AND MAINTAIN A DEVICE TO CONTINUOUSLY RECORD THE PARAMETER BEING MEASURED. THE MEASURING DEVICE OR GUAGE SHALL BE ACCURATE TO WITHIN 5 PERCENT. IT SHALL BE CALIBRATED ONCE EVERY 12 MONTHS.

[RULE 463, 3004(a)(4)-PERIODIC MONITORING]

- 6) THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

THE TEST SHALL BE CONDUCTED WITHIN 90 DAYS AFTER ACHIEVING MAXIMUM PRODUCTION RATE, BUT NO LATER THAN 180 DAYS AFTER INITIAL START-UP.

THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH SCAQMD TEST PROCEDURES AND WRITTEN RESULTS OF SUCH PERFORMANCE TESTS SHALL BE SUBMITTED TO THE SCAQMD WITHIN 60 DAYS OF TESTING. WRITTEN NOTICE OF THE TESTS SHALL BE PROVIDED TO THE SCAQMD 7 DAYS PRIOR TO TESTING SO THAT AN OBSERVER MAY BE PRESENT.

THE TEST SHALL BE CONDUCTED AT THE MAXIMUM POSSIBLE TOTAL FLOW RATE AND SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, A TEST OF THE INLET GAS TO THE COMBUSTOR AND THE COMBUSTOR EXHAUST FOR:

- A. TOTAL ORGANIC GASES/COMPOUNDS (NON-CH₄, NON-CH₂H₆) IN PPMV AND LBS/HR
- B. DESTRUCTION EFFICIENCY FOR VOC
- C. NOX AND CO (EXHAUST ONLY)
- D. BENZENE, TOLUENE, XYLENES, ETHYLBENZENE AND MTBE (EXHAUST, IN PPMV AND LBS/HR)
- E. CARBON DIOXIDE
- F. NITROGEN
- G. OXYGEN
- H. MOISTURE CONTENT
- I. TEMPERATURE

THE TEST SHALL BE CONDUCTED AT LEAST ONCE EVERY THREE YEARS.

[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSETS, 1401, 3004(a)(4)-PERIODIC MONITORING]

Emissions and Requirements:

- 7) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS

CO: 2000 PPMV PROCESS GAS, RULE 407
PM: 0.1 GRAINS/SCF, PROCESS GAS, RULE 409

A/N 492117

PERMIT TO CONSTRUCT/OPERATE

Equipment Description

STORAGE TANK, CN-137, INTERNAL FLOATING ROOF, WELDED SHELL, 55,000 BARREL CAPACITY, 101'-6" DIA. X 40'-0" H., WITH A PAN-TYPE FLOATING ROOF, CATEGORY A METALLIC SHOE TYPE PRIMARY SEAL, CATEGORY A RIM MOUNTED WIPER TYPE SECONDARY SEAL, UNSLOTTED GUIDEPOLE WITH GASKETTED SLIDING COVER AND WIPER, AND SLOTTED GUIDEPOLE WITH GASKETTED COVER, FLOAT AND WIPER

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

[RULE 204]

- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

[RULE 204]

- 3). **THROUGHPUT TO THIS TANK SHALL NOT EXCEED 1,672,917 BARRELS IN ANY ONE CALENDAR MONTH OF AVIATION GASOLINE, GASOLINE, ETHANOL, JET FUEL, DIESEL, AND TRANSMIX NOT TO EXCEED A REID VAPOR PRESSURE OF 13.5 PSIA.**

THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES.

THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE EVERY 15 MINUTES.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK

LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO TIME THAT THE ATLG WENT OUT OF SERVICE.

[RULE 1303(b)(2)-OFFSETS, 1401]

- 4) THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF. THE OPERATOR SHALL MONITOR AT LEAST TWICE A YEAR BETWEEN 4 TO 8 MONTHS APART.

[RULE 463, 1178]

- 5) ALL DISPLACED GASES OR VAPORS FROM UNDERNEATH THE FLOATING ROOF OF THIS TANK SHALL BE VENTED TO A VAPOR CONTROL SYSTEM (THERMAL OXIDIZER) WHENEVER THE TANK IS BEING DEGASSED OR REFILLED. NO DEGASSING OR REFILLING OF THIS TANK SHALL BE CONDUCTED UNLESS THE THERMAL OXIDIZER IS IN FULL USE AND HAS A VALID PERMIT TO RECEIVE VENT GASES FROM THE TANK.

[RULE 1149]

- 6) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TANK THROUGHPUT, IN BARRELS

COMMODITY/PRODUCT STORED AND TIME PERIOD OF STORAGE

VAPOR PRESSURE, IN PSIA, AND TEMPERATURE OF EACH
COMMODITY/PRODUCT STORED

HYDROCARBON CONCENTRATION MEASUREMENTS DONE IN THE VAPOR
SPACE ABOVE THE FLOATING ROOF OF THE TANK

OTHER RECORDS THAT MAY BE REQUIRED TO COMPLY WITH THE
APPLICABLE REQUIREMENTS OF DISTRICT RULES 463, 1149, AND 1178

RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.

[RULE 463, 1149, 1178, 1401]

- 7) THE OPERATOR SHALL PROVIDE TO THE DISTRICT THE FOLLOWING ITEMS:

FINAL DRAWINGS AND/OR SPECIFICATIONS OF THE MODIFICATION DONE TO THE STORAGE TANK AND ITS DECK FITTINGS AND SEALS SHALL BE SUBMITTED TO THE DISTRICT WITHIN 30 DAYS AFTER ITS COMPLETION.

[RULE 204]

Periodic Monitoring

NONE

Emissions and Requirements:

- 8) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS

VOC: RULE 463
VOC: RULE 1178
VOC: RULE 1149